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AN 122:83620 HCA  
 TI Dyed swimsuits from stretchable knits with improved chlorine fastness  
 IN Chiba, Shuji; Arimatsu, Giichi; Ido, Yoshinori; Shirasu, Koji; Suzuki, Hajime  
 PA Toyo Boseki, Japan  
 SO Jpn. Kokai Tokkyo Koho, 9 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 IC ICM A41D007-00  
 ICS A41D031-00; D04B001-18; D06M013-152; D06P005-00; D06P005-04  
 ICA D01F006-70; D06P001-64  
 CC 40-6 (Textiles and Fibers)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06264301	A2	19940920	JP 1993-47903	19930309
AB	The knits comprise polyurethane elastic fibers dyed with acid, disperse, metalized, reactive, and/or direct dyes and polyamide fibers and/or polyester fibers dyeable with cationic dyes at normal pressure and contain 0.1-20% (on fiber) mono- and/or polyhydroxybenzene derivs. with specified structures. A knit comprising ethylenediamine-MDI-polytetramethylene glycol block copolymer fibers and nylon 66 fibers was prep'd., dyed with a soln. contg. 5% (on fiber) Kayacyl Blue BR for 60 min at 40-95.degree., washed, treated with a dispersion contg. 5% bisphenol A for 50 min at 40-80.degree., and subsequently treated with dye fixing agents to give a knit with Cl fastness rating 4-5.				
ST	chlorine fastness spandex fiber swimsuit; bisphenol A chlorine fastness improver swimsuit; sodium bishydroxyvalerate chlorine fastness improver swimsuit; biphenol chlorine fastness improver swimsuit; dihydroxybenzyl ethyl ketone chlorine fastness improver; polyhydroxybenzene deriv chlorine fastness improver swimsuit				
IT	Polyamide fibers, uses Polyester fibers, uses RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses) (blends with spandex fibers; dyed swimsuits from stretchable knits with improved chlorine fastness)				
IT	Spandex fibers RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses) (blends with synthetic fibers; dyed swimsuits from stretchable knits with improved chlorine fastness)				
IT	Dyeing (of swimsuits from spandex fibers and synthetic fibers with improved chlorine fastness)				
IT	80-05-7, Bisphenol A, uses 92-88-6, 4,4'-Biphenol 27100-33-0, Bisphenol A homopolymer 143406-81-9, 3,5-Dihydroxybenzyl ethyl ketone 160385-39-7 160385-40-0 RL: TEM (Technical or engineered material use); USES (Uses) (chlorine fastness improver; dyed swimsuits from stretchable knits with improved chlorine fastness)				
IT	107375-35-9 RL: PEP (Physical, engineering or chemical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses) (spandex fiber; dyed swimsuits from stretchable knits with improved chlorine fastness)				